

LU JIN

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EDUCATION

Ph.D in HCI Sankt Augustin, Germany
University of Siegen / Fraunhofer Aug. 2021 - Present
Thesis: *“Walking across the bridge: designing human-centered AI-driven applications”*

M.S.in Information Studies Texas, United States
University of Texas at Austin Sep. 2018 - May. 2020

GPA: 3.83 / Courses: Introduction to Machine Learning, Crowdsourcing in Computer Vision, Virtual Environment, Usability.
Thesis: *“Cheated by Deepfakes? Deepfake Detection Ability, Emotional Response, and Ethical Implications”*

Summer Course Advanced User Experience Engineering Cambridge, United States
Harvard University Aug.2021

M.Des. in Design Shanghai, China
Shanghai Jiao Tong University Jun. 2010 - Mar. 2013

B.Eng. in Industrial Design Shanghai, China
Shanghai Jiao Tong University Sep. 2006 - Jul. 2010

SKILLS

Programming Languages: HTML, CSS, Javascript, HTML, CSS, Python, Processing, SQL
Frameworks and Libraries: React, Bootstrap, D3
Design Tools: Sketch, Adobe Suite, InVision, Balsamiq, Axure RP, Principle, Alias, AutoCAD
Languages: English, Chinese, Germany(very basic)

ACADEMIC EXPERIENCE

Marie Curie Research Fellow Sankt Augustin, Germany
Fraunhofer Institute for Applied Information Technology Aug 2021 - Present
• MSCA GECKO ITN funded by EU

Visiting Scholar Glasgow, United Kingdom
University of Strathclyde May 2023 - June 2023

Visiting Scholar Berlin, Germany
Agents.INC Jun 2022 - Aug 2022

Visiting Scholar Athens, Greece
Plegma Labs Feb 2023

PROFESSIONAL EXPERIENCE

Web Designer (Remote)

Texas, United States

Kids' Choice

Jul. 2020 - Jun. 2021

- Designed overall website system, draw all of the illustrations and icons.
- Supported graphic design for poster and etc.

User Experience Designer

Shanghai, China

SAP Labs China

Jan. 2016 - Nov. 2016

- Worked in a Lumira team to develop business data visualization chart to support different business software.

Data Visualization Designer

Shanghai, China

JD.com

Jul. 2014 - Jan. 2016

- Initiated and led designing 8 data products including Android/iOS and website to help different departments to monitor ecommerce operation data.
- Delivered wireframes, interaction flow and design specification to improve end to end user experience. Cooperated with user research team on various projects to uncover problems and discover opportunities to inform design recommendations for future projects.

User Experience Engineer

Shanghai, China

eBaotech Insurance Software Company

Mar. 2013 - Jul. 2014

- Led 2 persons to be in a scrum team with 8 developers and 2 product managers to ship a cutting-edge SaaS insurance software which faces 3 foreign countries.
- Defined design system for the company insurance software products and conducted design workshops among the developer teams and product managers to make design language consistence.
- Assisted developers with UI development level complexities and established project timelines and estimates to control the progress for different projects.

User Experience Designer Intern

Shanghai, China

SAP Labs China

Nov 2011 - Mar 2013

- Built user interface and business workflow for SAP ByDesign business software.
- Participated in the usability testing for supply chain and finance modules.

Package Designer Intern

Shanghai, China

GSK China

Apr. 2010 - Oct. 2010

- Designed drug package and drug instruction leaflet for different products under GSK visual guideline.
- Arranged and built design material guideline in the system.

AWARDS

Marie Sklodowska Curie Fellowship

Nov 2021 – Oct 2024

Awarded by European Union for PhD research under GECKO Project, a H2020 Marie Sklodowska Curie Action (MSCA) ITN at Fraunhofer FIT, Germany

Shanghai Jiao Tong University Scholarship (5/124)

2010, 2011, 2012

Sliver UPA User Experience National Competition, User Researcher (6/245)

2012

EXTRACURRICULAR PROJECTS

Web Developer and Designer

SiTel

Washington, Seattle

Feb. 2020 - Mar. 2020

A side project to redesigned the education platform from research to design and using React.js to develop the website.

User Researcher and User Experience Designer

Texas Department of Transportation

Austin, Texas

Sep.2018 - Dec.2018

Redesigned the TxDOT website starting from research to design the sample page for design reference.

Implemented both quantitative and qualitative methods in research to increase service influence and build social image.

User Researcher and User Experience Designer

Agency For Healthcare Research

Cambridge, MA

Jun.2019 - Jul.2019

Conducted research from scratch to find solution to make the most of healthcare data system using machine learning technique which can help patient recovery journey.

Provided a mobile application solution which helps AHRQ improve their healthcare delivery and digital transformation.

PUBLICATION

Peer-Reviewed Conferences

1. **Lu Jin**, and Alexander Boden. "Review on the Application Areas of Decision-Making Algorithms in Smart Homes." HHAI 2023: Augmenting Human Intellect. IOS Press, 2023. 74-92. [\[PDF\]](#)
2. **Lu Jin**. "The conflict resolution in product experience design based on evaporating cloud of the theory of constraints." Design, User Experience, and Usability: Design Discourse: 4th International Conference, DUXU 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2–7, 2015, Proceedings, Part I. Springer International Publishing, 2015. [\[PDF\]](#)

Workshop

3. **Lu Jin**, and Alexander Boden. "The design space of building user-centered AI user interfaces for smart heating systems." User-centered AI 2023 workshop collocated the Mensch und Computer 2023 Conference, Zurich, Switzerland. [\[PDF\]](#)
4. **Lu Jin**, Alexander Boden, and Md Shajalal, "Automated Decision Making Systems in Smart Homes: A Study on User Engagement and Design", AutomationXP22: Engaging with Automation collocated the ACM CHI Conference on Human Factors in Computing Systems 2022, New Orleans, LA, [\[PDF\]](#)

Poster

5. **Lu Jin**. "ihealth: Digital health in pre-medical and after-medical care of a health journey." Poster, Texas, Austin, Aging and Health Informatics Conference, 2019. [\[PDF\]](#)

Research Trainings

1. GECKO Winter School 2021, hosted by University of Strathclyde, Glasgow, UK
2. GECKO Summer School 2022, hosted by Fraunhofer FIT, Germany
3. GECKO Winter School 2023, hosted by Aalborg University, Copenhagen

Conference Talks

AutomationXP22: Engaging with Automation

HHAI 2023: Augmenting Human Intellect

User-centered AI 2023 workshop

May 2021, United States

Jul 2023, Munich, Germany

Sep 2023, Zurich, Switzerland